

Storm Data and Unusual Weather Phenomena - March 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ARKANSAS, Southeast

(AR-Z074) ASHLEY, (AR-Z075) CHICOT

03/05/15 01:00 CST	0	Sleet
03/05/15 09:00 CST	0	

With only a little over a week since the previous heavy snowfall event on February 25th, the region again saw another winter weather maker. Luckily for most of the area, the region had begun a warmup that helped alleviate a lot of road issues. After cold high pressure had moved just to the north of the region around March 2nd, a warm front surged north, bringing moisture and much warmer temperatures back into the region. Temperatures warmed quickly on March 4th into the low to mid 70s but a change was in store. A cold front moved quickly to the southeast due to a very cold and strong high pressure building through southern Canada and northern Plains towards our region. Temperatures quickly plummeted some nearly 30-35 degrees in the wake of the cold front.

As the cold front quickly moved southeast, colder air continued to filter in. However, moisture lingered behind the front. Rain began to change over to sleet late the night of March 4th into early morning hours of March 5th. As colder air in the lower parts of the atmosphere continued to filter in, moisture began to transition over to a wintry mix, mainly in the form of sleet, in the northwest Delta. This setup was very favorable for a transition from rain to freezing rain to sleet. Moisture further southeast near the Natchez Trace corridor and Jackson metro began to transition over in the early morning hours of March 5th, with some moderate sleet falling in central Mississippi. Sleet and some snow began to mix into the Delta while the majority of the area saw a significant accumulation of sleet. Some areas in south and east Mississippi also saw some sleet but a little to no accumulation. Precipitation moved out late morning of March 5th.

Those who received a good amount of sleet and some snow accumulation (mainly along and northwest of the Natchez Trace corridor) saw anywhere between 1/2 inch to 1-2 inches in the far northern parts of the Delta and northern Mississippi. Due to being warm the two previous days, road issues were mainly limited to areas that received significant heavy sleet accumulation, mainly in the Delta and northern Mississippi. These areas saw numerous roads that were ice covered and very slick, making travel very hazardous. Areas in the Jackson Metro saw some slick roads but warm ground and road temperature from the previous few days alleviated some of the issues.

LOUISIANA, Northeast

(LA-Z007) MOREHOUSE, (LA-Z008) WEST CARROLL, (LA-Z009) EAST CARROLL, (LA-Z015) RICHLAND, (LA-Z016) MADISON, (LA-Z023) FRANKLIN, (LA-Z024) CATAHOULA, (LA-Z025) TENSAS

03/05/15 01:00 CST	0	Sleet
03/05/15 11:00 CST	0	

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MISSISSIPPI, Central				
(MS-Z018) BOLIVAR, (MS-Z019) SUNFLOWER, (MS-Z025) LEFLORE, (MS-Z026) GRENADA, (MS-Z027) CARROLL, (MS-Z028) MONTGOMERY, (MS-Z029) WEBSTER, (MS-Z030) CLAY, (MS-Z031) LOWNDES, (MS-Z032) CHOCTAW, (MS-Z033) OKTIBBEHA, (MS-Z034) WASHINGTON, (MS-Z035) HUMPHREYS, (MS-Z036) HOLMES, (MS-Z037) ATTALA, (MS-Z038) WINSTON, (MS-Z040) ISSAQUENA, (MS-Z041) SHARKEY, (MS-Z042) YAZOO, (MS-Z043) MADISON, (MS-Z047) WARREN, (MS-Z048) HINDS, (MS-Z053) CLAIBORNE				
	03/05/15 00:30 CST		3K	Sleet
	03/05/15 13:00 CST		0	
<p>With only a little over a week since the previous heavy snowfall event on February 25th, the region again saw another winter weather maker. Luckily for most of the area, the region had begun a warmup that helped alleviate a lot of road issues. After cold high pressure had moved just to the north of the region around March 2nd, a warm front surged north, bringing moisture and much warmer temperatures back into the region. Temperatures warmed quickly on March 4th into the mid 70s to low 80s but a change was in store. A cold front moved quickly to the southeast due to a very cold and strong high pressure building through southern Canada and northern Plains towards our region. Temperatures quickly plummeted around 40 to 50 degrees in the wake of the cold front.</p> <p>As the cold front quickly moved southeast, colder air continued to filter in. However, moisture lingered behind the front. Rain began to change over to sleet late the night of March 4th into early morning hours of March 5th. As colder air in the lower parts of the atmosphere continued to filter in, moisture began to transition over to a wintry mix, mainly in the form of sleet, in the northwest Delta. This setup was very favorable for a transition from rain to freezing rain to sleet. Moisture further southeast near the Natchez Trace corridor and Jackson metro began to transition over in the early morning hours of March 5th, with some moderate sleet falling in central Mississippi. Sleet and some snow began to mix into the Delta while the majority of the area saw a significant accumulation of sleet. Some areas in south and east Mississippi also saw some sleet but a little to no accumulation. Precipitation moved out late morning of March 5th.</p> <p>Those who received a good amount of sleet and some snow accumulation (mainly along and northwest of the Natchez Trace corridor) saw anywhere between 1/2 inch to 1-2 inches in the far northern parts of the Delta and northern Mississippi. Due to being warm the two previous days, road issues were mainly limited to areas that received significant heavy sleet accumulation, mainly in the Delta and northern Mississippi. These areas saw numerous roads that were ice covered and very slick, making travel very hazardous. Areas in the Jackson Metro saw some slick roads but warm ground and road temperature from the previous few days alleviated some of the issues.</p>				
COVINGTON COUNTY --- 0.9 WSW HOT COFFEE [31.72, -89.46]				
	03/18/15 20:56 CST		0	Hail (1.00 in)
	03/18/15 20:56 CST		0	Source: Emergency Manager
JONES COUNTY --- 0.6 W SOSO [31.75, -89.28]				
	03/18/15 21:20 CST		1K	Thunderstorm Wind (EG 50 kt)
	03/18/15 21:20 CST		0	Source: Trained Spotter
A tree and large limbs were blown down in Soso.				
JONES COUNTY --- 0.9 NE ERRATA [31.78, -89.06]				
	03/18/15 21:43 CST		2K	Thunderstorm Wind (EG 50 kt)
	03/18/15 21:43 CST		0	Source: Emergency Manager
A tree was blown down along I-59 at the Sandersville exit.				
Showers and thunderstorms developed as a shortwave interacted with a stalled frontal boundary. Some of these storms produced some hail and strong winds.				
RANKIN COUNTY --- 2.5 ESE GULDE [32.28, -89.81]				
	03/26/15 15:40 CST		0	Hail (1.25 in)
	03/26/15 15:40 CST		0	Source: Public
Half dollar sized hail occurred along Shiloh Road near Gulde Shiloh Road.				
JONES COUNTY --- 0.7 N MYRICK [31.66, -89.00]				
	03/26/15 15:45 CST		0	Hail (0.75 in)
	03/26/15 15:45 CST		0	Source: Emergency Manager
SCOTT COUNTY --- 2.4 WSW INDEPENDENCE [32.27, -89.71]				

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	03/26/15 15:47 CST		0	Hail (0.88 in)
	03/26/15 15:47 CST		0	Source: Public
Showers and thunderstorms developed as a cold front pushed through the region. Some of these storms produced half dollar sized hail.				
HUMPHREYS COUNTY --- 0.6 W BROOKLYN [33.17, -90.49]				
	03/30/15 02:40 CST		0	Hail (1.25 in)
	03/30/15 02:40 CST		0	Source: Public
HOLMES COUNTY --- 0.9 SE EBENEZER [32.96, -90.09]				
	03/30/15 03:33 CST		0	Hail (1.00 in)
	03/30/15 03:33 CST		0	Source: Public
BOLIVAR COUNTY --- 0.9 SW DAHOMEY [33.67, -91.01], 1.8 SW BUSEY [33.55, -90.90]				
	03/31/15 14:57 CST		15K	Hail (2.75 in)
	03/31/15 15:44 CST		0	Source: Emergency Manager
A swath of hail moved through Bolivar County due to a supercell thunderstorm . The storm produced golfball sized hail near Benoit and continued producing half dollar size to golfball size hail through the county. Hail up to baseball size caused significant damage to a vehicle near Napanee along the Washington/Bolivar county line. Other vehicles received dents and broken windows.				
BOLIVAR COUNTY --- 0.6 W ALLIGATOR [34.10, -90.73]				
	03/31/15 15:05 CST		0	Hail (1.00 in)
	03/31/15 15:05 CST		0	Source: Public
LOWNDES COUNTY --- 0.7 S STEENS [33.56, -88.32]				
	03/31/15 15:29 CST		0	Hail (1.25 in)
	03/31/15 15:29 CST		0	Source: Social Media
WASHINGTON COUNTY --- 0.4 W PRISCILLA [33.52, -91.01], 3.1 ESE BOURBON [33.32, -90.77]				
	03/31/15 15:49 CST		6K	Hail (1.75 in)
	03/31/15 16:20 CST		0	Source: Emergency Manager
A swath of hail moved through Washington County. Some of this hail was as large as golf balls, which tore paint and a screen off of a window of a home in Tribbett.				
WASHINGTON COUNTY --- 1.1 E TRIBBETT [33.35, -90.80]				
	03/31/15 16:18 CST		12K	Thunderstorm Wind (EG 53 kt)
	03/31/15 16:18 CST		0	Source: Emergency Manager
Power poles were down and a tree split and fell on a house near Tribbett.				
SUNFLOWER COUNTY --- 2.1 W WACO [33.33, -90.76], 3.0 SW CAILE [33.27, -90.64]				
	03/31/15 16:25 CST		0	Hail (1.00 in)
	03/31/15 16:36 CST		0	Source: Law Enforcement
A swath of hail continued from Washington county into Sunflower county. Hail to the size of quarters fell across southeastern portions of the county.				
HUMPHREYS COUNTY --- 1.6 W ISOLA [33.27, -90.63], 0.6 E BELZONI [33.18, -90.49]				
	03/31/15 16:41 CST		0	Hail (1.00 in)
	03/31/15 16:53 CST		0	Source: Law Enforcement
A swath of hail occurred across Humphreys county. Nickel size hail fell near Isola and up to quarter size hail fell on the west side of Belzoni.				
HUMPHREYS COUNTY --- 0.9 SE ISOLA [33.26, -90.59]				
	03/31/15 16:50 CST		15K	Thunderstorm Wind (EG 55 kt)
	03/31/15 16:50 CST		0	Source: Emergency Manager
A canopy over the gas pumps at the Double Quick in Isola partially collapsed.				

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YAZOO COUNTY --- 1.9 ESE MIDWAY [32.87, -90.17]				
	03/31/15 17:46 CST		0	Hail (1.00 in)
	03/31/15 17:46 CST		0	Source: Broadcast Media

Penny to quarter sized hail occurred along Highway 432.

Showers and thunderstorms developed as a boundary slowly moved through the region. Some of these storms produced large hail and damaging winds.